

## SmartPro 2.2kVA Line Interactive UPS, Serial, 120V

MODEL NUMBER: **SMART 2200NET**



## Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	2200
Output kVA Capacity (kVA)	2.2
Output Watt Capacity (Watts)	1700
Output kW Capacity (kW)	1.7
Power Factor	0.8
Nominal Output Voltage(s) Supported	120V
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	-13% / +5%
Output Voltage Regulation (Battery Mode)	+/- 5%
UPS Output Receptacles	6 5-15R outlet(s)
Load Management Receptacles	Two switchable single outlet 5-15R load banks
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
INPUT	
Rated input current (Maximum Load)	15A



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www.tripplite.com

Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P
Input Circuit Breakers	20A
UPS Input Cord Length (ft.)	8
UPS Input Cord Length (m)	2.4
Recommended Electrical Service	20A 120V
Input Cord Length (ft.)	8
Input Cord Length (m)	2.4
Input Phase	Single-Phase
<b>BATTERY</b>	
Full Load Runtime (min.)	11 min. (1700w)
Half Load Runtime (min.)	27 min. (850w)
Expandable Battery Runtime	Extended runtime supported via optional external battery packs
External Battery Pack Compatibility	<a href="#">BP24V28-2U</a> (limit 1); <a href="#">BP24V70-3U</a> (multi-pack compatible)
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 9 hours from 10% to 90% (typical, full load discharge)
<b>VOLTAGE REGULATION</b>	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 87 to 140
Overvoltage Correction	Input voltages between 127 and 140 are reduced by 12%
Undervoltage Correction	Input voltages between 95 and 105 are boosted by 10%
Severe Undervoltage Correction	Input voltages between 87 and 94 are boosted by 22%
<b>LEDS ALARMS &amp; SWITCHES</b>	
LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status
Audible Alarm	Audible alarm indicates power-failure and low-battery conditions
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation; set of 4 rear-panel switches control system enable and contact closure port inverter shutoff commands
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC Suppression Joule Rating	720
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes



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AC Suppression Joule Rating	720
AC Suppression Response Time	Instantaneous
<b>PHYSICAL</b>	
Primary Form Factor	Tower
UPS Power Module Dimensions (hwd, in.)	17 x 9 x 12.5
UPS Power Module Dimensions (hwd, cm)	43.2 x 22.9 x 31.8
UPS Power Module Weight (lbs.)	80
UPS Power Module Weight (kg)	36.3
UPS Shipping Dimensions (hwd / in.)	22.2 x 12.8 x 16.5
UPS Shipping Dimensions (hwd / cm)	56.5 x 32.4 x 41.9
Shipping Weight (lbs.)	87
Shipping Weight (kg)	39.5
UPS Housing Material	Polycarbonate
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	58.4
Battery Mode BTU / Hr. (Full Load)	863.7
AC Mode Efficiency Rating (100% Load)	99%
<b>COMMUNICATIONS</b>	
Communications Interface	DB9 Serial; Contact closure
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions; contact closure communications via two additional DB9 ports (3 total)
PowerAlert Software	Included
Communications Cable	3 DB9 cables included
<b>LINE / BATTERY TRANSFER</b>	
Transfer Time	2-4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	87
High Voltage Transfer to Battery Power (Setpoint)	140



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SPECIAL FEATURES	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
Green Energy-Saving Features	Individually controllable load banks
CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category A (EMI)
WARRANTY	
Product Warranty Period (Worldwide)	2-year warranty, 3 year with registration. Note: <a href="#">Registration is required</a> for 3-year warranty.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 <a href="#">Ultimate Lifetime Insurance</a>

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Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct     +86 (21) 6401-6692  
  
Email       amall@ameya360.com  
  
QQ         800077892  
  
Skype       ameyasales1 ameyasales2

➤ Customer Service :

Email       service@ameya360.com

➤ Partnership :

Tel         +86 (21) 64016692-8333  
  
Email       mkt@ameya360.com